

Amended claims

1. The use of polymers comprising
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- (a) from 20 to 95% by weight of at least one thermoplastic polymer selected from the group consisting of polyethylene, polyoxymethylene, polypropylene, polyvinyl chloride and polymethacrylate
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- (b) from 80 to 5% by weight of a mixture of at least two substances selected from the group consisting of crosslinked polyvinylpyrrolidone, TiO_2 , KHCO_3 , NaHCO_3 , CaCO_3 , silica gel, kieselguhr, diatomaceous earth, and bentonite
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- as filter aids and/or stabilizers for filtering and/or stabilizing an aqueous liquid.
- 20 2. The use of polymers according to claim 1, wherein the component b) used is a mixture of crosslinked polyvinylpyrrolidone and silica gel.
- 25 3. The use of polymers according to claim 3, wherein the polymer is a powder having a particle size between 2 to 200 μm .
4. The process according to claim 1, wherein the powder particles are not spheroidal.
- 30 5. The use of polymers as claimed in claim 1, wherein, in addition to the filtration, stabilization of the aqueous liquid takes place simultaneously.
- 35 6. A process for filtering and/or stabilizing an aqueous liquid, which comprises using as filter aid or stabilizer a polymer comprising
- (a) from 20 to 95% by weight of at least one thermoplastic polymer selected from the group consisting of
- 40 polyethylene, polyoxymethylene, polypropylene, polyvinyl chloride and polymethacrylate
- (b) from 80 to 5% by weight of a mixture of at least two substances selected from the group consisting of
- 45 crosslinked polyvinylpyrrolidone, TiO_2 , KHCO_3 , NaHCO_3 ,

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12

CaCO₃, silica gel, kieselguhr, diatomaceous earth, and bentonite.

7. A process as claimed in claim 6, wherein, in addition to the
5 filtration, simultaneous stabilization of the medium to be
filtered takes place.
8. A process as claimed in either of claims 6 and 7, wherein,
10 during the filtration, the precoat filtration technique is
used.
9. The process as claimed in one of claims 6 to 8, wherein the
aqueous liquid is a liquid selected from the group consisting
15 of fruit juice drinks or fermented beverages.
10. A process as claimed in one of claims 6 to 9, wherein the
aqueous liquid is beer.

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Use of polymers comprising thermoplastic polymers as filter aids and/or stabilizers

5 Abstract

A description is given of the use of polymers comprising thermoplastic polymers as filter aids and/or stabilizers for filtering or stabilizing aqueous liquids.

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